

FIGURE 1
ESD Dissipation System

0994047-082201

FIGURE 2

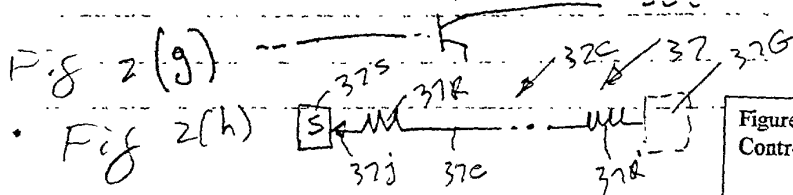
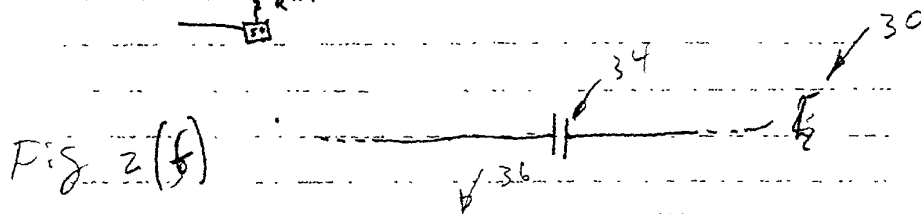
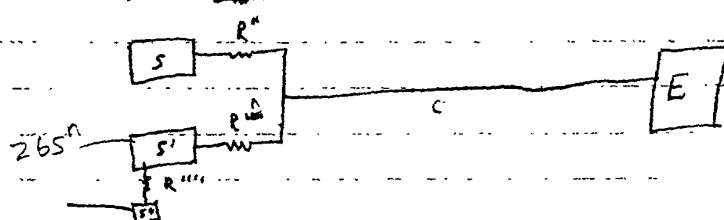
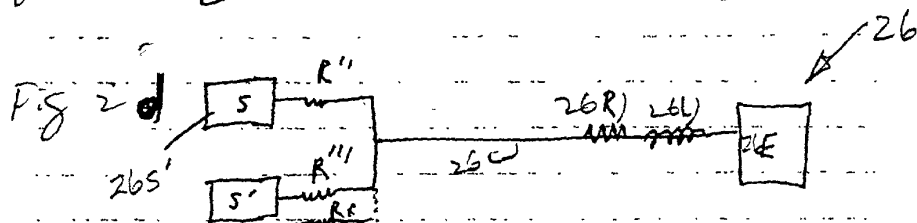
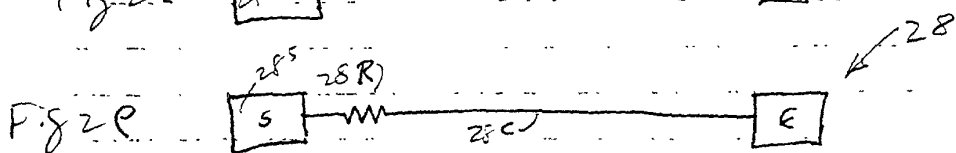
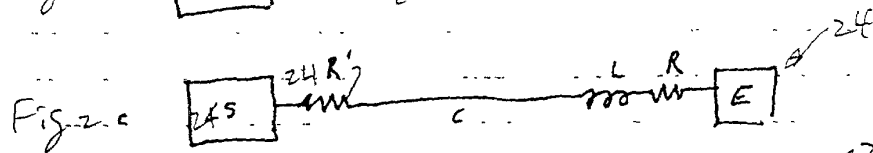
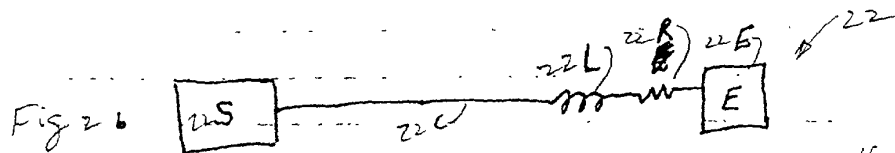
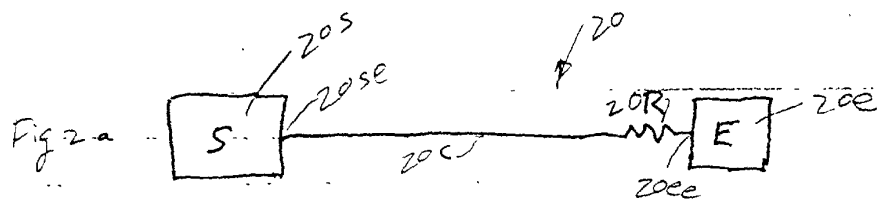


Figure 2
Control Circuits

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FIG. 3j

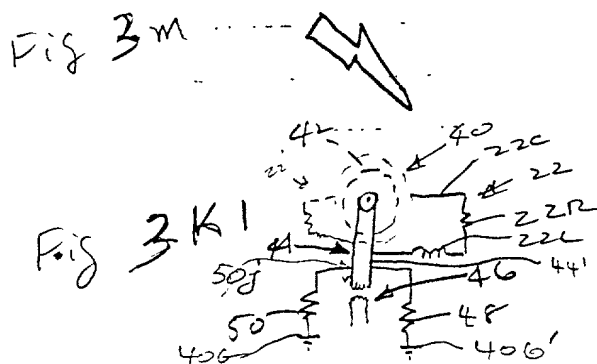
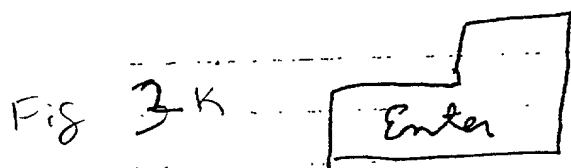
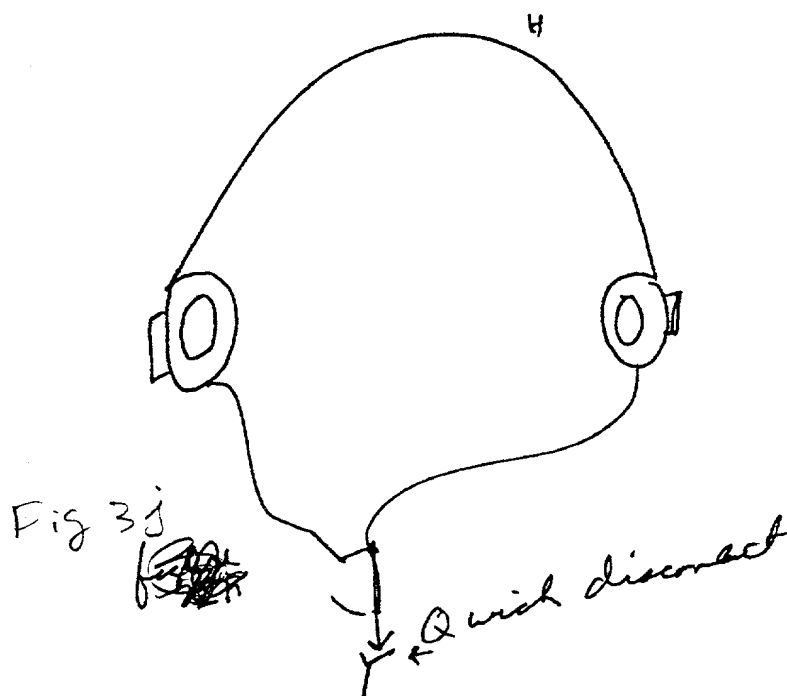


Figure 3

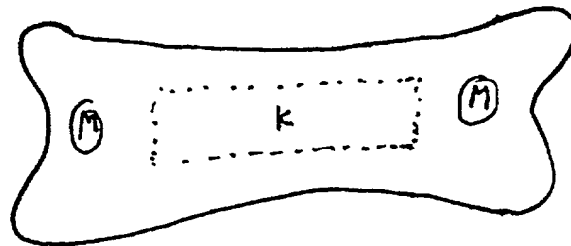


Fig. 3 (a) Custom Shaped (large work surface) Contact Pad

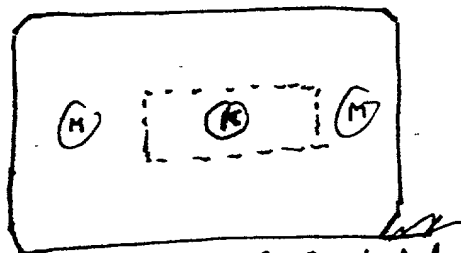


Fig 3 (b) Custom Shaped Contact Pad

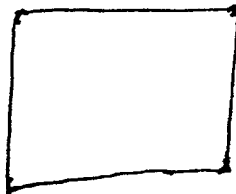


Fig 3 (c) Mouse Pad

2

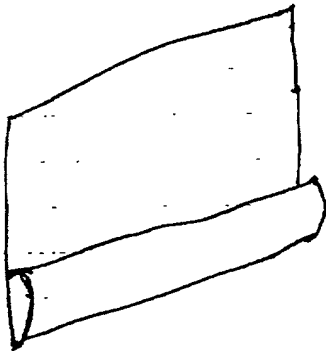


Fig 3(d) Mouse Pad with Wrist Rest

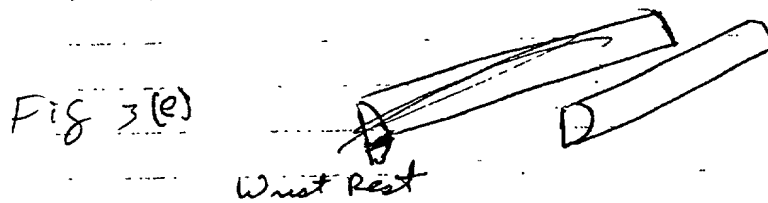


Fig 3(e)

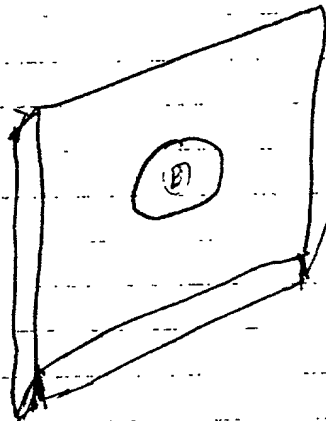


Fig 3f

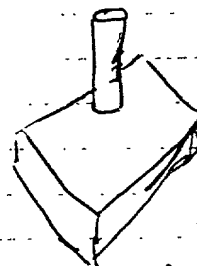


Fig 3g

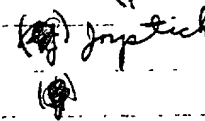


Figure 3

TOP SECRET - CONFIDENTIAL

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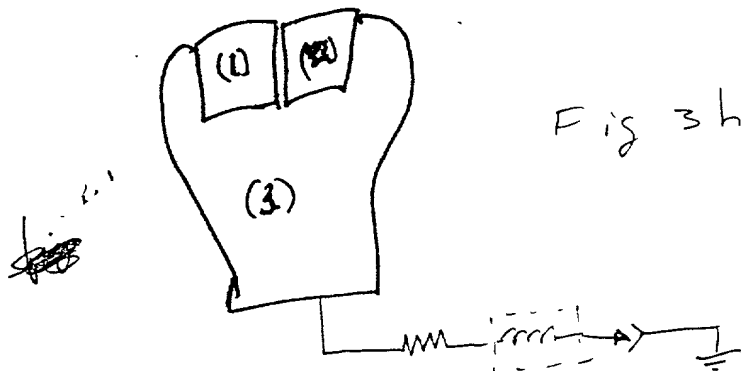


Fig 3h

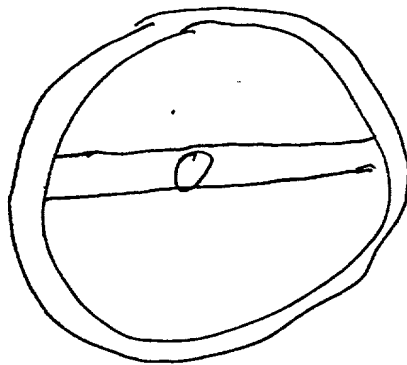


Fig. 3i

Figure 3

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Fig 4a

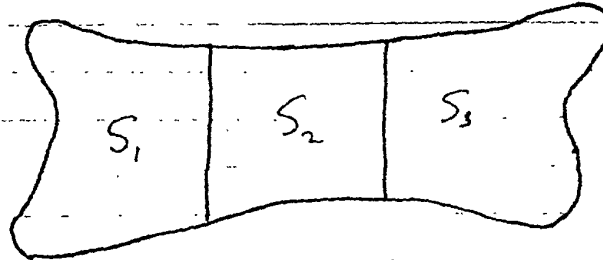


Fig 4(b)

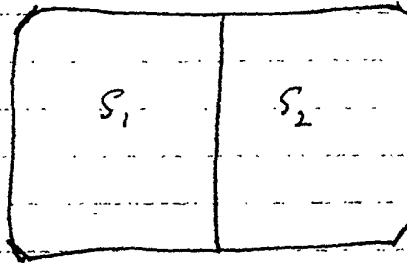
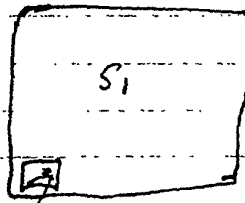
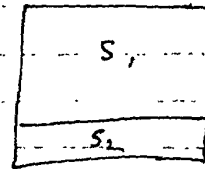


Fig 4c₂



~~S₂~~



~~Fig 4c₁~~

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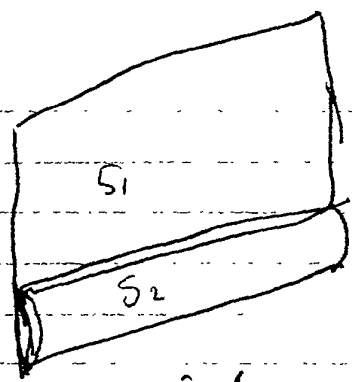


Fig. 4d

Fig. 4e

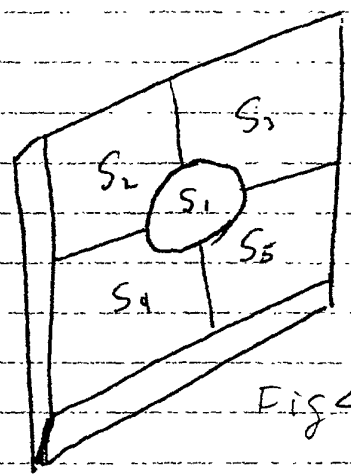
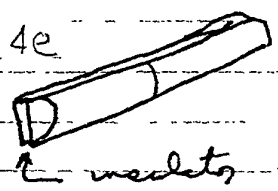
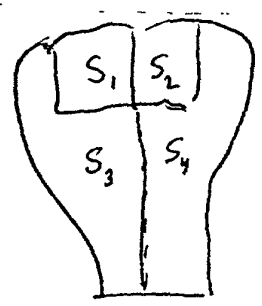


Fig. 4f

Fig. 4g



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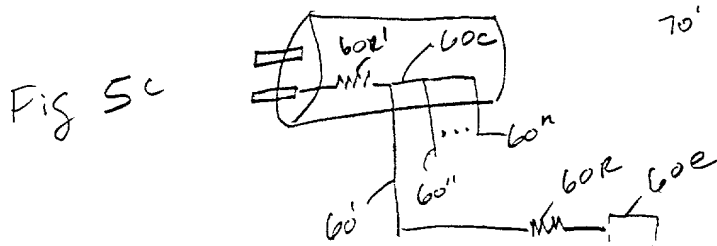
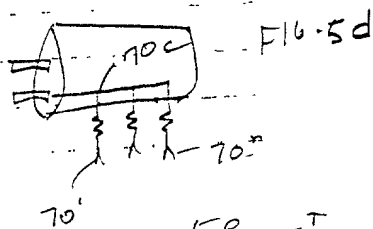
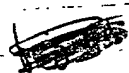
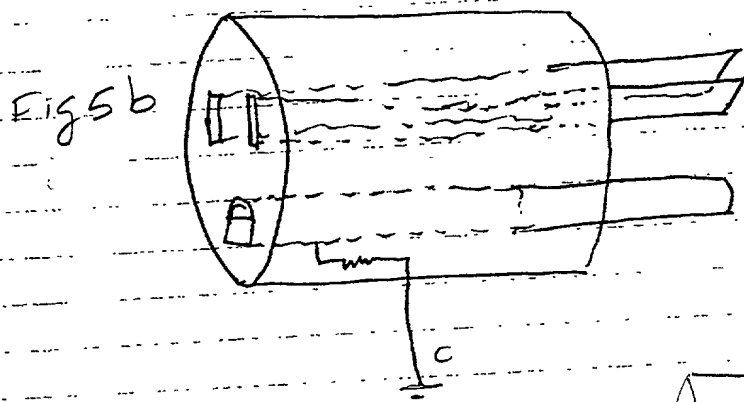
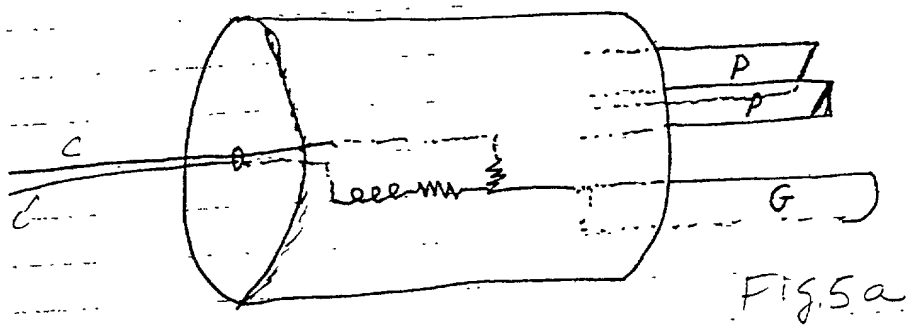


Figure 5
Electrical Plug Assemblies

Figure 6
Electronic Device
Ground Adapter

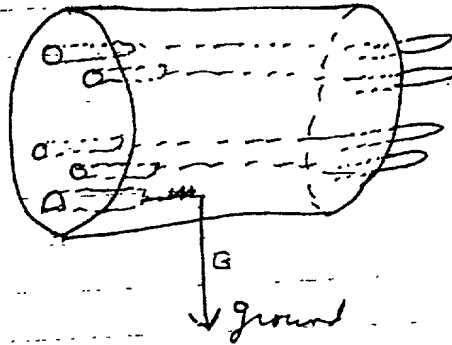


Figure 7
Electronic Device Ground
Adapter Tap

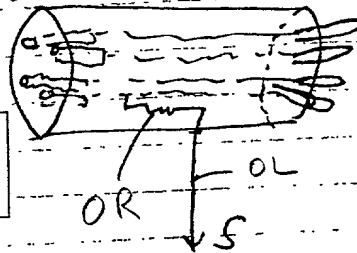
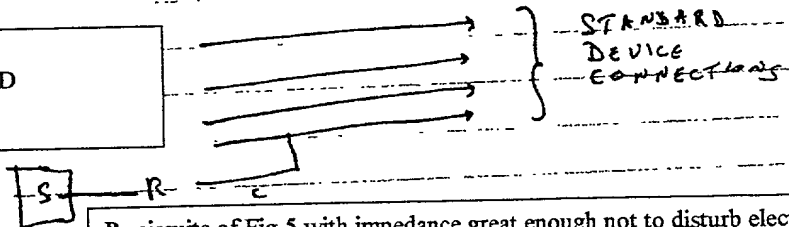
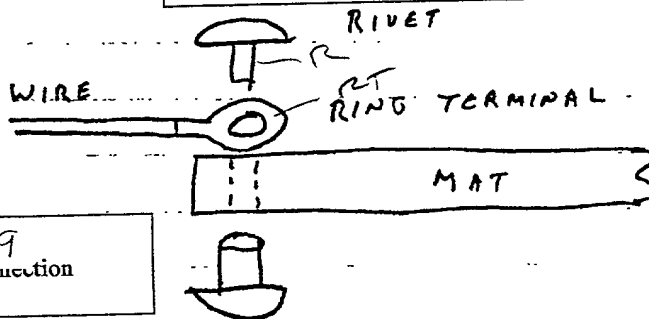


Figure 8
Electronic Device ESD
Ground Connection



R=circuits of Fig 5 with impedance great enough not to disturb electronic device, and still allow ESD discharge.

Figure 9
Mat Connection



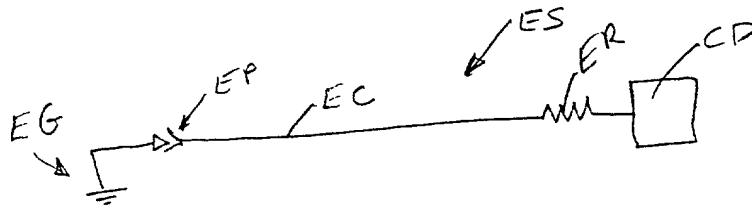


FIG. 11

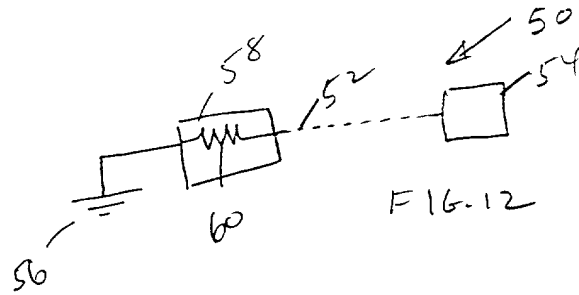


FIG. 12

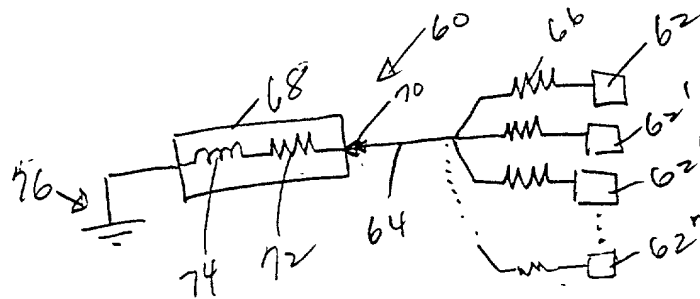


FIG. 13

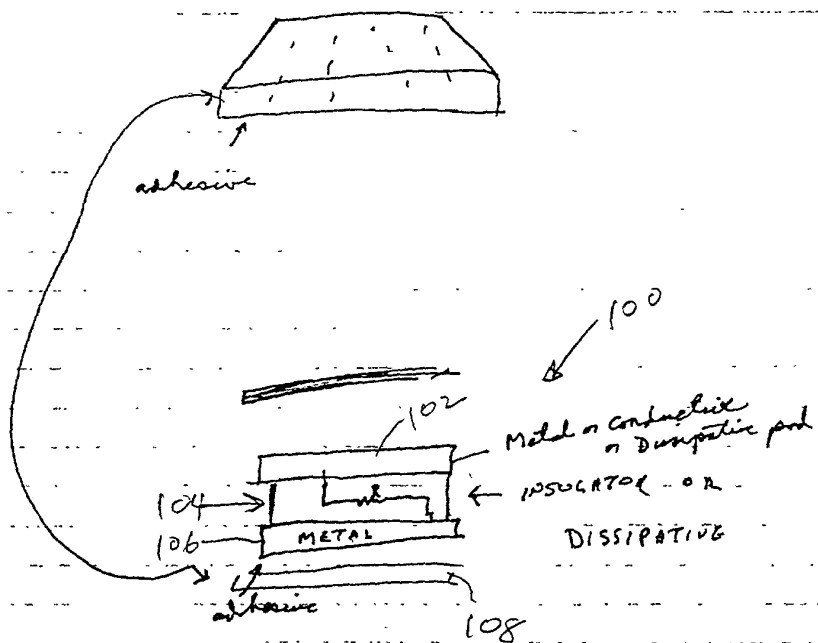


Figure 10
General Purpose Touch Point